

considers⁴ to be not only the cause of fruit disease and canker formation, but also of the familiar leaf spot so prevalent upon apple trees.

F. L. STEVENS

N. C. AGRICULTURAL EXPERIMENT STATION,
WEST RALEIGH, N. C.,
September 16, 1907

THE AMERICAN SOCIETY OF NATURALISTS

THE American Society of Naturalists will hold its annual meeting at Chicago during Convocation Week. The topic of the discussion, the date of which is the afternoon of Tuesday, December 31, will be: "Cooperation in Biological Research." The speakers will be as follows:

Dr. Frank R. Lillie.
Dr. William Trelease.
Dr. H. H. Donaldson.
Dr. Simon Flexner.
Dr. W. H. Howell.
Dr. James R. Angell.

The dinner and the address of the president, Professor J. Playfair McMurrich, of the University of Toronto, are arranged for the evening of December 31. The exact hour and place for the discussion and also for the dinner will be given in a later announcement.

EDWARD L. THORNDIKE,
Secretary

TEACHERS COLLEGE,
COLUMBIA UNIVERSITY

SCIENTIFIC NOTES AND NEWS

THE National Academy of Sciences is holding its autumn meeting at Columbia University, New York City, this week.

THE trustees of the Carnegie Foundation for the Advancement of Teaching held their annual meeting at the offices of the foundation in New York City on November 20.

THE Eastern Branch of the American Society of Zoologists meet at New Haven on December 26, 27 and 28.

THE winter meeting of the Bibliographical Society of America will be held in Chicago, December 30-31. The discussion of "The present problems of the bibliography of sci-

ence," will be opened by Dr. Cyrus Adler, of the Smithsonian Institution.

THE New York State Teachers' Science Association will meet at Ithaca on December 27 and 28.

THE Central Passenger Association reports that card orders will not be required in the territory of the Central Passenger Association, but that tickets at the reduced fare, for the Chicago meeting of the American Association for the Advancement of Science and affiliated societies, have been made available to any applicant. Card orders, therefore, are necessary only in the territory of the Trunk Line Association.

ON the occasion of the dedication of its new natural history museum the Senckenberg Natural History Society of Frankfurt elected several corresponding members, including Dr. Hermon C. Bumpus, director of the American Museum of Natural History and Dr. E. Ray Lankester, director of the British Museum of Natural History.

THE Anders-Retzius medal, bestowed every five years on an anatomist or a physiologist, has been awarded to Professor G. Schwalbe, of Strassburg.

A PORTRAIT of Professor Arthur Schuster has been presented to Manchester University. It will be remembered that Professor Schuster recently retired from the active duties of the chair of physics.

DR. SAMUEL G. DIXON, state health commissioner of Pennsylvania, has been appointed by the Secretary of the Treasury to represent this country as an official delegate to the Third International Sanitary Convention of the American Republics, to be held in the City of Mexico, December 2.

PRESIDENT DAVID STARR JORDAN, of Stanford University, will lecture under the auspices of the New York Board of Education at Cooper Union on November 23. The subject is "The Human Harvest—a Study of the Biological Effects of War."

ON Tuesdays and Fridays at 8 P.M., beginning on November 12, Dr. Gary N. Calkins is giving a course of Lowell lectures on "The